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1 A constrained asymmetry LMS algorithm for PRML disk drive read channels

Staszewski, R.B.; Muhammad, K.; Balsara, P.T.;

Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see and Systems II: Express Briefs, IEEE Transactions on] , Volume: 48 , Issue: 8 , Aug. 201 Pages:793 - 798

[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) **IEEE JNL**

2 Hybrid phase locked loop system for PRML disk drive read channels

Kovacs, J.; McCall, K.;

VLSI Circuits, 1996. Digest of Technical Papers., 1996 Symposium on , 13-15 June 1996 Pages:178 - 179

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) **IEEE CNF**

3 Modeling of PRML timing loop as a Kalman filter

Christiansen, G.S.;

Global Telecommunications Conference, 1994. GLOBECOM '94. 'Communications: The GI IEEE , Volume: 2 , 28 Nov.-2 Dec. 1994 Pages:1157 - 1161 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) **IEEE CNF**

4 Interpolated timing recovery for hard disk drive read channels

Spurbeck, M.; Behrens, R.T.;

Communications, 1997. ICC 97 Montreal, 'Towards the Knowledge Millennium'. 1997 IEE Conference on , Volume: 3 , 8-12 June 1997 Pages:1618 - 1624 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(576 KB\)\]](#) **IEEE CNF**

5 A linearly constrained adaptive FIR filter for hard disk drive read channels

Li Du; Spurbeck, M.; Behrens, R.T.;

Communications, 1997. ICC 97 Montreal, 'Towards the Knowledge Millennium'. 1997 IEE Conference on , Volume: 3 , 8-12 June 1997 Pages:1613 - 1617 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE CNF**

6 A 300-MHz fixed-delay tree search-DFE analog CMOS disk-drive read channel

Wei, D.C.; Sun, D.Q.; Abidi, A.A.;

Solid-State Circuits, IEEE Journal of , Volume: 36 , Issue: 11 , Nov. 2001 Pages:1795 - 1807

[\[Abstract\]](#) [\[PDF Full-Text \(579 KB\)\]](#) **IEEE JNL**

7 Phase error compensation for improved timing recovery

Younggyun Kim; Jaekyun Moon;

Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000

Pages:2190 - 2192

[Abstract] [PDF Full-Text (56 KB)] IEEE JNL

8 An analog front-end signal processor for a 64 Mbits/s PRML hard-disk drive c

Choi, D.; Pierson, R.; Trafton, F.; Sheahan, B.; Gopinathan, V.; Mayfield, G.; Ranmuthu, Venkatraman, S.; Pawar, V.; Lee, O.; Giolma, W.; Krenik, W.; Abbott, W.; Johnson, K.;

Solid-State Circuits, IEEE Journal of , Volume: 29 , Issue: 12 , Dec. 1994

Pages:1596 - 1605

[Abstract] [PDF Full-Text (760 KB)] IEEE JNL

9 Multi-level decision feedback equalization for saturation recording

Kenney, J.G.; Carley, L.R.; Wood, R.W.;

Magnetics, IEEE Transactions on , Volume: 29 , Issue: 4 , July 1993

Pages:2160 - 2171

[Abstract] [PDF Full-Text (1020 KB)] IEEE JNL

10 A constrained asymmetry LMS algorithm for PRML disk drive read channels

Staszewski, R.B.; Muhammad, K.; Balsara, P.T.;

Signals, Systems and Computers, 2000. Conference Record of the Thirty-Fourth Asiloma on , Volume: 1 , 29 Oct.-1 Nov. 2000

Pages:433 - 437 vol.1

[Abstract] [PDF Full-Text (396 KB)] IEEE CNF

11 A 240 MHz 8-trap programmable FIR filter for disk-drive read channels

Thon, L.E.; Sutardja, P.; Fang-Shi Lai; Coleman, G.;

Solid-State Circuits Conference, 1995. Digest of Technical Papers. 42nd ISSCC, 1995 IE International , 15-17 Feb. 1995

Pages:82 - 83, 343

[Abstract] [PDF Full-Text (908 KB)] IEEE CNF

12 A 3.5 in 230 Mbytes read-channel chip set for magneto-optical disk drives

Sang-Soo Lee; Laber, C.A.;

Very Large Scale Integration (VLSI) Systems, IEEE Transactions on , Volume: 4 , Issue:

Pages:455 - 463

[Abstract] [PDF Full-Text (888 KB)] IEEE JNL

13 An integrated CMOS mixed-mode signal processor for disk drive read channe

Beomsup Kim; Greco, J.D.; Yang, H.C.; Wu, W.-C.S.; Chowdhury, R.F.;

Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see and Systems II: Express Briefs, IEEE Transactions on] , Volume: 41 , Issue: 1 , Jan. 199

Pages:1 - 11

[Abstract] [PDF Full-Text (888 KB)] IEEE JNL

14 A 450 Mb/s analog front-end for PRML read channels

Bloodworth, B.; Siniscalchi, P.; De Velmann, G.; Jezdic, A.; Pierson, R.; Sundararaman, Solid-State Circuits Conference, 1999. Digest of Technical Papers. ISSCC. 1999 IEEE Int

17 Feb. 1999

Pages:34 - 35

[Abstract] [PDF Full-Text (276 KB)] IEEE CNF

15 A new method for singular value loop shaping in design of multiple-channel

Nobakhti, A.; Munro, N.;

Automatic Control, IEEE Transactions on , Volume: 49 , Issue: 2 , Feb. 2004

Pages:249 - 253

[Abstract] [PDF Full-Text (264 KB)] IEEE JNL



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1 A full CMOS adaptive 3.3V/5V supply VCM/spindle controller with 9mA total c consumption in lock mode for high TPI and RPM of 8200 for 1" micro-drive, 1.8 2.5" drive

Bathae, M.; Andrian-Albescu, C.; Nicolae, D.; Moustoufi, Z.; Ghezal, H.;
Electronics, Circuits and Systems, 2002. 9th International Conference on , Volume: 2 , 1 2002

Pages:437 - 440 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) **IEEE CNF**

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1 An approach to dual-stage servo design in computer disk drives

Young-Hoon Kim; Seung-Hi Lee;

Control Systems Technology, IEEE Transactions on , Volume: 12 , Issue: 1 , Jan. 2004
Pages:12 - 20

[Abstract] [PDF Full-Text (712 KB)] IEEE JNL

2 A fuzzy scheduling controller for the computer disk file track-following servo

Yen, J.-Y.; Wang, F.-J.; Chen, Y.-Y.;

Fuzzy Systems, 1993., Second IEEE International Conference on , 28 March-1 April 1993
Pages:1016 - 1021 vol.2

[Abstract] [PDF Full-Text (456 KB)] IEEE CNF

3 Settling control and performance of a dual-actuator system for hard disk drive

Numasato, H.; Tomizuka, M.;

Mechatronics, IEEE/ASME Transactions on , Volume: 8 , Issue: 4 , Dec. 2003
Pages:431 - 438

[Abstract] [PDF Full-Text (679 KB)] IEEE JNL

4 Some advances in loop shaping controller design with applications to disk drive

Messner, W.;

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 2 , March 2001
Pages:651 - 656

[Abstract] [PDF Full-Text (152 KB)] IEEE JNL

5 Robust time optimal controller design for hard disk drives

Bong Keun Kim; Wan Kyun Chung; Ho Seong Lee; Hyun-Taek Choi; Il Hong Suh; Yong H

Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999
Pages:3598 - 3600

[Abstract] [PDF Full-Text (180 KB)] IEEE JNL

6 Improved discrete proximate time optimal controller of a disk drive actuator

Yi Xiong; Weerasooriya, S.; Teck-Seng Low;

Magnetics, IEEE Transactions on , Volume: 32 , Issue: 5 , Sept. 1996
Pages:4010 - 4012

[Abstract] [PDF Full-Text (240 KB)] IEEE JNL

7 Quadratic guaranteed cost control with robust pole placement in a disk

Reza Moheimani, S.O.; Petersen, I.R.;

Control Theory and Applications, IEE Proceedings- , Volume: 143 , Issue: 1 , Jan. 1996
Pages:37 - 43

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) IEEE JNL

8 Improvement of servo performance via nonlinear feedback control in hard disk systems

Venkataramanan, V.; Chen, B.M.; Lee, T.H.; Guoxiao Guo;

Decision and Control, 2000. Proceedings of the 39th IEEE Conference on , Volume: 4 , 1
Pages:3088 - 3093 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) IEEE CNF

9 Robust μ -design of a disk drive servo system

Petkov, P.H.; Gu, D.-W.; Konstantinov, M.M.;

Computer Aided Control System Design, 2002. Proceedings. 2002 IEEE International Symposium on , 18-20 Sept. 2002
Pages:57 - 62

[\[Abstract\]](#) [\[PDF Full-Text \(377 KB\)\]](#) IEEE CNF

10 Settling control and performance of dual-actuator system for hard disk drive

Numasato, H.; Tornizuka, M.;

American Control Conference, 2001. Proceedings of the 2001 , Volume: 4 , 25-27 June 2001
Pages:2779 - 2785 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) IEEE CNF

11 Linear quadratic optimal dual-stage servo control systems for hard disk drive

Wei Guo; Lisong Yuan; Lan Wang; Guoxiao Guo; Huang, T.; Ben Mei Chen; Tong Heng L

Industrial Electronics Society, 1998. IECON '98. Proceedings of the 24th Annual Conference on , Volume: 3 , 31 Aug.-4 Sept. 1998
Pages:1405 - 1410 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) IEEE CNF

12 Shaped time-optimal feedback control for disk-drive systems with back-electromotive force

La-orpacharapan, C.; Pao, L.Y.;

Magnetics, IEEE Transactions on , Volume: 40 , Issue: 1 , Jan. 2004
Pages:85 - 96

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) IEEE JNL

13 Designing controllers for two stage disk drive actuator systems using the PQ controller

Rapley, H.R.; Messner, W.C.;

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 2 , March 2001
Pages:944 - 948

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) IEEE JNL

14 Two degree-of-freedom dual-stage actuator controller design for hard disk drive

Chung Choo Chung; Chin Won Seo; Seung-Hi Lee;

Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000
Pages:2255 - 2257

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) IEEE JNL

15 Practical frequency shaping of on-track mode controller of HDD servo

Wongshik Chee; Chang-Ik Kang;

Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999
Pages:2277 - 2279

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) IEEE JNL

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16 Microfabricated electrostatic actuators for hard disk drives

Horsley, D.A.; Horowitz, R.; Pisano, A.P.;
Mechatronics, IEEE/ASME Transactions on , Volume: 3 , Issue: 3 , Sept. 1998
Pages:175 - 183

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) IEEE JNL

17 Vibration minimized access control for disk drives

Mizoshita, Y.; Hasegawa, S.; Takaishi, K.;
Magnetics, IEEE Transactions on , Volume: 32 , Issue: 3 , May 1996
Pages:1793 - 1798

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) IEEE JNL

18 A fuzzy scheduling controller for a computer disk file track-following servo

Jia Yush Yen; Gu Jeng Wang; Yung-Jaw Chen;
Industrial Electronics, IEEE Transactions on , Volume: 40 , Issue: 2 , April 1993
Pages:266 - 272

[\[Abstract\]](#) [\[PDF Full-Text \(680 KB\)\]](#) IEEE JNL

19 Comparison of suspension-based and slider-based microactuators for track following performance

Karaman, M.; Lu, Y.; Bedillion, M.;
Advanced Motion Control, 2004. AMC '04. The 8th IEEE International Workshop on , 25-27 March 2004
Pages:347 - 351

[\[Abstract\]](#) [\[PDF Full-Text \(1478 KB\)\]](#) IEEE CNF

20 Single/dual-rate digital controller design for dual stage track following in hard disk drives

Jiagen Ding; Numasato, H.; Tomizuka, M.;
Advanced Motion Control, 2000. Proceedings. 6th International Workshop on , 30 March-1 April 2000
Pages:80 - 85

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) IEEE CNF

21 Repeatable and non-repeatable disturbance rejection for hard disk drive control

Guo, L.; O'Sullivan, T.;
Advanced Intelligent Mechatronics '97., IEEE/ASME International Conference on , 16-20 June 1997
Pages:144

[\[Abstract\]](#) [\[PDF Full-Text \(32 KB\)\]](#) IEEE CNF

22 Robust H₂ control with regional stability constraints for the track-following servo system

Moon-Noh Lee; Jung-Ho Moon; Myung Jin Chung;

Industrial Electronics, Control, and Instrumentation, 1996., Proceedings of the 1996 IEEE International Conference on , Volume: 3 , 5-10 Aug. 1996
Pages:1388 - 1393 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE CNF

23 Exploring polysilicon micromotors for data storage micro disks

Mourlas, N.J.; Stark, K.C.; Mehregany, M.; Phillips, S.M.;
Micro Electro Mechanical Systems, 1996, MEMS '96, Proceedings. 'An Investigation of Micro Sensors, Actuators, Machines and Systems'. IEEE, The Ninth Annual International Works Feb. 1996
Pages:198 - 203

[\[Abstract\]](#) [\[PDF Full-Text \(556 KB\)\]](#) IEEE CNF

24 A higher bandwidth servo design with strain feedback control for magnetic disk drives

Nakagawa, S.; Kobayashi, M.; Yamaguchi, T.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 3 , 4-6 June 2003
Pages:2547 - 2552 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(592 KB\)\]](#) IEEE CNF

25 Servo control of a dual-stage actuator for a high performance disk drive. Parameter identification and implementation

Young, P.M.; Morris, J.C.; Ho, H.T.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 3 , 4-6 June 2003
Pages:2529 - 2534 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(700 KB\)\]](#) IEEE CNF

26 Active vibration control of a PZT actuated suspension in hard disk drives

Yunfeng Li; Horowitz, R.;
American Control Conference, 2002. Proceedings of the 2002 , Volume: 2 , 8-10 May 2002
Pages:1366 - 1371 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) IEEE CNF

27 Closed-loop control of a microfabricated actuator for dual-stage hard disk drive systems

Horsley, D.A.; Hernandez, D.; Horowitz, R.; Packard, A.K.; Pisano, A.P.;
American Control Conference, 1998. Proceedings of the 1998 , Volume: 5 , 24-26 June 1998
Pages:3028 - 3032 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) IEEE CNF

28 Optimal track following control for hard disk drives

Chen Lin; Guoxiao Guo; Ben M. Chen; Chi-Chung Ko;
Advanced Motion Control, 2000. Proceedings. 6th International Workshop on , 30 March-31 March 2000
Pages:502 - 506

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE CNF

29 Frequency-Domain Transfer Function of Digital Multirate Controller With Current Feedback

Cao, W.-J.; Bi, Q.; Liu, X.; Lim, C.; Soh, Y.C.;
Control Systems Technology, IEEE Transactions on , Volume: 13 , Issue: 1 , Jan. 2005
Pages:131 - 137

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) IEEE JNL

30 A new method for singular value loop shaping in design of multiple-channel control systems

Nobakhti, A.; Munro, N.;
Automatic Control, IEEE Transactions on , Volume: 49 , Issue: 2 , Feb. 2004
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31 Feedforward control for reducing disk-flutter-induced track misregistration

Guoxiao Guo; Jingliang Zhang;
Magnetics, IEEE Transactions on , Volume: 39 , Issue: 4 , July 2003
Pages:2103 - 2108

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) IEEE JNL

32 A phase-stabilized servo controller for dual-stage actuators in hard disk drive

Kobayashi, M.; Nakagawa, S.; Nakamura, S.;
Magnetics, IEEE Transactions on , Volume: 39 , Issue: 2 , March 2003
Pages:844 - 850

[\[Abstract\]](#) [\[PDF Full-Text \(839 KB\)\]](#) IEEE JNL

33 Discrete-time composite nonlinear feedback control with an application in disk drive servo system

Venkataramanan, V.; Kemao Peng; Chen, B.M.; Lee, T.H.;
Control Systems Technology, IEEE Transactions on , Volume: 11 , Issue: 1 , Jan. 2003
Pages:16 - 23

[\[Abstract\]](#) [\[PDF Full-Text \(571 KB\)\]](#) IEEE JNL

34 Multirate control of an HDD servo system with intersample ripple free

Qing-Wei Jia; Kian-Keong Ooi; Dao-Wei Wu;
Magnetics, IEEE Transactions on , Volume: 38 , Issue: 5 , Sept. 2002
Pages:2192 - 2194

[\[Abstract\]](#) [\[PDF Full-Text \(218 KB\)\]](#) IEEE JNL

35 Discrete-time LQG/LTR dual-stage controller design in magnetic disk drives

Sang-Min Suh; Chung Choo Chung; Seung-Hi Lee;
Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001
Pages:1891 - 1895

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) IEEE JNL

36 Rejecting oscillatory, non-synchronous mechanical disturbances in hard disk

Ehrlich, R.; Adler, J.; Hindi, H.;
Magnetics, IEEE Transactions on , Volume: 37 , Issue: 2 , March 2001
Pages:646 - 650

[\[Abstract\]](#) [\[PDF Full-Text \(136 KB\)\]](#) IEEE JNL

37 Track seek control for hard disk dual-stage servo systems

Kobayashi, M.; Horowitz, R.;
Magnetics, IEEE Transactions on , Volume: 37 , Issue: 2 , March 2001

Pages:949 - 954

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) IEEE JNL

38 **Mechatronics of electrostatic microactuators for computer disk drive dual-stage systems**

Yunfeng Li; Horowitz, R.;

Mechatronics, IEEE/ASME Transactions on , Volume: 6 , Issue: 2 , June 2001

Pages:111 - 121

[\[Abstract\]](#) [\[PDF Full-Text \(216 KB\)\]](#) IEEE JNL

39 **Reducing the manufacturing costs associated with hard disk drives-a new disk rejection control scheme**

Lin Guo;

Mechatronics, IEEE/ASME Transactions on , Volume: 2 , Issue: 2 , June 1997

Pages:77 - 85

[\[Abstract\]](#) [\[PDF Full-Text \(244 KB\)\]](#) IEEE JNL

40 **Effect of disk drive actuator unbalance on track following response to external shock**

Radwan, H.R.; Phan, D.T.; Cao, K.;

Magnetics, IEEE Transactions on , Volume: 32 , Issue: 3 , May 1996

Pages:1749 - 1755

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) IEEE JNL

41 **Microactuator control for disk drive**

Takaishi, K.; Imamura, T.; Mizoshita, Y.; Hasegawa, S.; Ueno, T.; Yamada, T.;

Magnetics, IEEE Transactions on , Volume: 32 , Issue: 3 , May 1996

Pages:1863 - 1866

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE JNL

42 **Adaptive track-following servos for disk file actuators**

Horowitz, R.; Bo Li;

Magnetics, IEEE Transactions on , Volume: 32 , Issue: 3 , May 1996

Pages:1779 - 1786

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) IEEE JNL

43 **Improvement of settling response of disk drive head positioning servo using switching control with initial value compensation**

Yamaguchi, T.; Soyama, Y.; Hosokawa, H.; Tsuneta, K.; Hirai, H.;

Magnetics, IEEE Transactions on , Volume: 32 , Issue: 3 , May 1996

Pages:1767 - 1772

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) IEEE JNL

44 **A minimum time seek controller for a disk drive**

Patten, W.N.; Wu, H.C.; White, L.;

Magnetics, IEEE Transactions on , Volume: 31 , Issue: 3 , May 1995

Pages:2380 - 2387

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) IEEE JNL

45 **A computational technique for the robust root locus**

Tong, Y.; Sinha, N.K.;

Industrial Electronics, IEEE Transactions on , Volume: 41 , Issue: 1 , Feb. 1994

Pages:79 - 85

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) IEEE JNL

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46 Robust control for uncertain linear systems with sinusoidal disturbance of ur frequencies

Lee, M.-N.; Chung, M.J.;

Control Theory and Applications, IEE Proceedings- , Volume: 145 , Issue: 6 , Nov. 1998
Pages:531 - 536

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) **IEE JNL**

47 State space based adaptive control with pole restriction

Ahmed, M.S.;

Control Theory and Applications, IEE Proceedings D [see also IEE Proceedings-Control Tt Applications] , Volume: 140 , Issue: 6 , Nov. 1993
Pages:380 - 392

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) **IEE JNL**

48 Modeling and control design of dual-actuator system for hard disk drives

Jinchuan Zheng; Guoxiao Guo; Youyi Wang;

Power Electronics and Drive Systems, 2003. PEDS 2003. The Fifth International Confereion , Volume: 2 , 17-20 Nov. 2003
Pages:1674 - 1679 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) **IEEE CNF**

49 Vibration analysis and optimal control in self-servo track writer

Chunling Du; Jingliang Zhang; Guoxiao Guo;

Control, Automation, Robotics and Vision, 2002. ICARCV 2002. 7th International Confereon , Volume: 1 , 2-5 Dec. 2002
Pages:156 - 161 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) **IEEE CNF**

50 Vibration suppression and optimal repetitive disturbance rejection control in frequency region using multirate sampling control

Fujimoto, H.; Hori, Y.;

Decision and Control, 2000. Proceedings of the 39th IEEE Conference on , Volume: 4 , 1
Pages:3745 - 3750 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) **IEEE CNF**

51 Fixed order H_∞ control design for dual-stage hard disk drives

Rotunno, M.; de Callafon, R.A.;

Decision and Control, 2000. Proceedings of the 39th IEEE Conference on , Volume: 4 , 1
Pages:3118 - 3119 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) **IEEE CNF**

52 **Controller design for two stage actuators using the PQ method and the sbod**
Rapley, P.R.; Messner, W.C.;
Asia-Pacific Magnetic Recording Conference, 2000. APMRC 2000 , 6-8 Nov. 2000
Pages:WA4/1 - WA4/2

[[Abstract](#)] [[PDF Full-Text \(156 KB\)](#)] IEEE CNF

53 **Multirate digital redesign of continuous time controllers based on closed-loop**
Gu, Y.; Tomizuka, M.;
American Control Conference, 2000. Proceedings of the 2000 , Volume: 2 , 28-30 June 2
Pages:1149 - 1153 vol.2

[[Abstract](#)] [[PDF Full-Text \(348 KB\)](#)] IEEE CNF

54 **A cost effective repetitive controller and its design**
Smith, C.; Tomizuka, M.;
American Control Conference, 2000. Proceedings of the 2000 , Volume: 2 , 28-30 June 2
Pages:1169 - 1174 vol.2

[[Abstract](#)] [[PDF Full-Text \(572 KB\)](#)] IEEE CNF

55 **Track-following control with active vibration damping of a PZT-actuated sus**
stage servo system
Yunfeng Li; Marcassa, F.; Horowitz, R.; Oboe, R.; Evans, R.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 3 , 4-6 June 200
Pages:2553 - 2559 vol.3

[[Abstract](#)] [[PDF Full-Text \(665 KB\)](#)] IEEE CNF

56 **Modeling and compensator designs for self-servowriting in disk drives**
Melkote, H.; Cloke, B.; Agarwal, V.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 1 , 4-6 June 200
Pages:737 - 742 vol.1

[[Abstract](#)] [[PDF Full-Text \(420 KB\)](#)] IEEE CNF

57 **Advanced focus capture control for high NA optical storage system**
Ashitani, T.; Takahashi, H.; Asakura, M.;
Optical Memory and Optical Data Storage Topical Meeting, 2002. International Symposiu
July 2002
Pages:323 - 325

[[Abstract](#)] [[PDF Full-Text \(244 KB\)](#)] IEEE CNF

58 **Multirate control for head actuator assembly vibration compensation with an**
accelerometer
Jianning Zhou; Youyi Wang;
Magnetic Recording Conference, 2002. Digest of the Asia-Pacific , 27-29 Aug. 2002
Pages:TU-P-14-01 - TU-P-14-02

[[Abstract](#)] [[PDF Full-Text \(244 KB\)](#)] IEEE CNF

59 **Robust tuning of fixed-structure controller for disk drives using statistical m**
multi-objective genetic algorithms
Bo Zhu; Ho Seong Lee; Lin Guo; Tomizuka, M.;
American Control Conference, 2001. Proceedings of the 2001 , Volume: 4 , 25-27 June 2
Pages:2773 - 2778 vol.4

[[Abstract](#)] [[PDF Full-Text \(464 KB\)](#)] IEEE CNF

60 **Robust following control design for hard disk drives**
Ohno, K.; Abe, Y.; Maruyama, T.;
Control Applications, 2001. (CCA '01). Proceedings of the 2001 IEEE International Confe
Sept. 2001
Pages:930 - 935

[[Abstract](#)] [[PDF Full-Text \(420 KB\)](#)] IEEE CNF



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61 New variable structure control of dual-stage actuator servo systems

Zhou Jianying; Zhou Rujing; Wang Youyi;
Industrial Electronics Society, 1999. IECON '99 Proceedings. The 25th Annual Conference IEEE , Volume: 2 , 29 Nov.-3 Dec. 1999
Pages:996 - 1001 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) IEEE CNF

62 Design and implementation of a hard disk drive servo system using robust at tracking approach

Goh, T.B.; Zhongming Li; Chen, B.M.; Lee, T.H.; Huang, T.;
Decision and Control, 1999. Proceedings of the 38th IEEE Conference on , Volume: 5 , 7
Pages:5247 - 5252 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(496 KB\)\]](#) IEEE CNF

63 Multirate state-space digital controller for sector servo systems

Chiang, W.-W.;
Decision and Control, 1990., Proceedings of the 29th IEEE Conference on , 5-7 Dec. 199
Pages:1902 - 1907 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) IEEE CNF

64 Controller synthesis for sign-invariant impulse response

Darbha, S.; Bhattacharyya, S.P.;
Automatic Control, IEEE Transactions on , Volume: 47 , Issue: 8 , Aug. 2002
Pages:1346 - 1351

[\[Abstract\]](#) [\[PDF Full-Text \(318 KB\)\]](#) IEEE JNL

65 A dual-stage control design for high track per inch hard disk drives

Guoxiao Guo; Qi Hao; Teck-Seng Low;
Magnetics, IEEE Transactions on , Volume: 37 , Issue: 2 , March 2001
Pages:860 - 865

[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) IEEE JNL

66 LQG/LTR frequency loop shaping to improve TMR budget

Chang, J.-K.; Ho, H.T.;
Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999
Pages:2280 - 2282

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) IEEE JNL

67 Design and analysis of a high bandwidth disk drive servo system using an in suspension

Yuhong Huang; Banther, M.; Mathur, P.D.; Messner, W.C.;
Mechatronics, IEEE/ASME Transactions on , Volume: 4 , Issue: 2 , June 1999
Pages:196 - 206

[Abstract] [PDF Full-Text (340 KB)] IEEE JNL

68 **Design of discrete-time repetitive control system for pole placement and app**
Yamada, M.; Riadh, Z.; Funahashi, Y.;
Mechatronics, IEEE/ASME Transactions on , Volume: 4 , Issue: 2 , June 1999
Pages:110 - 118

[Abstract] [PDF Full-Text (232 KB)] IEEE JNL

69 **Variable structure control of shape memory alloy actuators**
Grant, D.; Hayward, V.;
Control Systems Magazine, IEEE , Volume: 17 , Issue: 3 , June 1997
Pages:80 - 88

[Abstract] [PDF Full-Text (940 KB)] IEEE JNL

70 **Study on wavelet repetitive control**
Chang, C.M.; Liu, T.S.;
Control Theory and Applications, IEE Proceedings- , Volume: 151 , Issue: 3 , 23 May 200
Pages:303 - 309

[Abstract] [PDF Full-Text (498 KB)] IEEE JNL

71 **An LMI approach to H/sub /spl infin// robust control with constraints for sy**
linear fractional uncertainty
Dong-Weng Zhang; Qing-He Wu;
Machine Learning and Cybernetics, 2003 International Conference on , Volume: 2 , 2-5 I
Pages:771 - 774 Vol.2

[Abstract] [PDF Full-Text (288 KB)] IEEE CNF

72 **Track-seeking controller design for dual-stage actuator in magnetic disk driv**
Kobayashi, M.; Yamaguchi, T.; Horowitz, R.;
American Control Conference, 2000. Proceedings of the 2000 , Volume: 4 , 28-30 June 2
Pages:2610 - 2614 vol.4

[Abstract] [PDF Full-Text (440 KB)] IEEE CNF

73 **Track seek control for hard disk dual-stage servo systems**
Mobayashi, M.; Horowitz, R.;
Asia-Pacific Magnetic Recording Conference, 2000. APMRC 2000 , 6-8 Nov. 2000
Pages:WA5/1 - WA5/2

[Abstract] [PDF Full-Text (188 KB)] IEEE CNF

74 **Closed loop testing of a suspension based piezoelectric microactuator**
Evans, R.B.; Karaman, M.;
Asia-Pacific Magnetic Recording Conference, 2000. APMRC 2000 , 6-8 Nov. 2000
Pages:WA2/1 - WA2/2

[Abstract] [PDF Full-Text (148 KB)] IEEE CNF

75 **Discrete-time repetitive control system with multiple periods**
Yamada, M.; Riadh, Z.; Funahashi, Y.;
Advanced Motion Control, 2000. Proceedings. 6th International Workshop on , 30 March-
Pages:228 - 233

[Abstract] [PDF Full-Text (392 KB)] IEEE CNF

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76 Improved TMR budget through a frequency shaped servo design

Chang, J.-K.; Weerasooriya, S.; Ho, H.T.;

Industrial Electronics, Control and Instrumentation, 1997. IECON 97. 23rd International Conference on, Volume: 1, 9-14 Nov. 1997

Pages:47 - 51 vol.1

[[Abstract](#)] [[PDF Full-Text \(364 KB\)](#)] **IEEE CNF**

77 Robust H/subspl infin// control based on model-matching for track-follow optical disk drive

Fengdan Dong; Youyi Wang; Jianying Zhou;

American Control Conference, 2003. Proceedings of the 2003, Volume: 1, 4-6 June 2003. Pages:713 - 718 vol.1

[[Abstract](#)] [[PDF Full-Text \(424 KB\)](#)] **IEEE CNF**

78 Multirate repetitive control and applications

Fujimoto, H.; Kawakami, F.; Kondo, S.;

American Control Conference, 2003. Proceedings of the 2003, Volume: 4, 4-6 June 2003. Pages:2875 - 2880 vol.4

[[Abstract](#)] [[PDF Full-Text \(653 KB\)](#)] **IEEE CNF**

79 Fast seek control for flexible disk drive systems with back EMF and inductance

La-orpacharapan, C.; Pao, L.Y.;

American Control Conference, 2003. Proceedings of the 2003, Volume: 4, 4-6 June 2003. Pages:3077 - 3082 vol.4

[[Abstract](#)] [[PDF Full-Text \(558 KB\)](#)] **IEEE CNF**

80 Discrete-time variable structure repetitive control

Mingxuan Sun; Jianying Zhou; Youyi Wang;

Industrial Technology, 2002. IEEE ICIT '02. 2002 IEEE International Conference on, Volume: 1, Dec. 2002

Pages:718 - 723 vol.2

[[Abstract](#)] [[PDF Full-Text \(384 KB\)](#)] **IEEE CNF**

81 A full CMOS adaptive 3.3V/5V supply VCM/spindle controller with 9mA total consumption in lock mode for high TPI and RPM of 8200 for 1" micro-drive, 1.8" 2.5" drive

Bathae, M.; Andrian-Albescu, C.; Nicolae, D.; Moustoufi, Z.; Ghezel, H.;

Electronics, Circuits and Systems, 2002. 9th International Conference on, Volume: 2, 1-3 Oct. 2002

Pages:437 - 440 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) IEEE CNF

82 **Controller synthesis for sign invariant impulse response**

Darbha, S.; Bhattacharyya, S.P.;

American Control Conference, 2002. Proceedings of the 2002 , Volume: 2 , 8-10 May 20
Pages:1055 - 1061 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(605 KB\)\]](#) IEEE CNF

83 **Proceedings of the 2002 American Control Conference (IEEE Cat. No.CH3730**

American Control Conference, 2002. Proceedings of the 2002 , Volume: 5 , 8-10 May 20

[\[Abstract\]](#) [\[PDF Full-Text \(3259 KB\)\]](#) IEEE CNF

84 **Robust and perfect tracking control design of a hard disk drive with a dual-sl**

Zhongming Li; Kexiu Liu; Chen, B.M.; Lee, T.H.;

American Control Conference, 2001. Proceedings of the 2001 , Volume: 5 , 25-27 June 2
Pages:3849 - 3854 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF

85 **Adaptive equalization for disk drives**

Chow, J.T.; Lawrence, D.A.;

American Control Conference, 2001. Proceedings of the 2001 , Volume: 5 , 25-27 June 2
Pages:3836 - 3842 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) IEEE CNF

86 **Loop shaping issues in hard disk drive servo system design**

Beghi, A.; Oboe, R.; Capretta, P.; Soldavini, F.C.;

Advanced Intelligent Mechatronics, 2001. Proceedings. 2001 IEEE/ASME International Co
on , Volume: 2 , 8-12 July 2001
Pages:828 - 832 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) IEEE CNF

87 **Integrated optimal design of passive and active elements for hard disk servo**

Obinata, G.; Saito, K.; Hiramoto, K.; Doki, H.;

Control Applications, 1999. Proceedings of the 1999 IEEE International Conference on ,
27 Aug. 1999
Pages:92 - 96 vol. 1

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) IEEE CNF

88 **Discrete-time prototype repetitive controllers considering pole-assignment a
application**

Zaier, R.; Yamada, M.; Funahashi, Y.;

SICE '98. Proceedings of the 37th SICE Annual Conference. International Session Papers
1998
Pages:985 - 990

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) IEEE CNF

89 **Design and implementation of adaptive non-repetitive track-following disk fi**

Horowitz, R.; Bo Li;

American Control Conference, 1995. Proceedings of the , Volume: 6 , 21-23 June 1995
Pages:4161 - 4166 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) IEEE CNF

90 **Adaptive control for disk file actuators**

Horowitz, R.; Bo Li;

Decision and Control, 1995., Proceedings of the 34th IEEE Conference on , Volume: 1 , 1
Pages:655 - 660 vol.1

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91 Fuzzy tracking control for disk file servo

Yung-Kaw Chen; Hon-E Chen; Jia-Yush Yen;

Fuzzy Systems, 1995. International Joint Conference of the Fourth IEEE International Conference on Fuzzy Systems and The Second International Fuzzy Engineering Symposium., Proceedings of the International Conference on , Volume: 4 , 20-24 March 1995

Pages:1769 - 1776 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) IEEE CNF

92 H_∞ design with pole placement constraints: an LMI approach

Chilali, M.; Gahinet, P.;

Decision and Control, 1994., Proceedings of the 33rd IEEE Conference on , Volume: 1 , 1

Pages:553 - 558 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) IEEE CNF

93 Design of controller for robots using the robust root locus of discrete time system

Tong, Y.; Sinha, N.K.;

Industrial Electronics, 1992., Proceedings of the IEEE International Symposium on , 25-29 June 1992

Pages:78 - 82 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) IEEE CNF

94 Control systems design via a quantitative feedback theory approach

Ballance, D.J.; Gawthrop, P.J.;

Control 1991. Control '91., International Conference on , 25-28 Mar 1991

Pages:476 - 480 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) IEEE CNF

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